- n mktnghfkdfawkkcllgasvgallvgcsphiietnevalklnyh pasekvqaldekil
- 61 Irpafqysdniakeyenkfknqtvlkveqilqnqgykvinvdssdkddfsfaqkkegyla
- 121 vamnge ivlrpdpkrtiqkksep gllfst gldkme gvlipag fykytile pmsgesld sf
- 181 tm**dlseldigekflk**tthsshsgglvstmv**kgtdnsndaik**salnkifgsi<u>mqeidkklt</u>
- 24 i **qknlesyqkdakelkgkrn**r

FIG. 1

×××IDK××TQK×LE×××× DA×EL××××	protein sequence -> MQEIDKKLTQKNLESYQKDAKELKGKRN	××EI×KKL×××××ES××KDAKEL×G×RN
Streptococcus pneumoniae pspA homologous sequence ->	H. pylori flagellar sheath adhesion protein sequence ->	Mycoplasma hominis Lp1 homologous sequence ->

FIG 2a

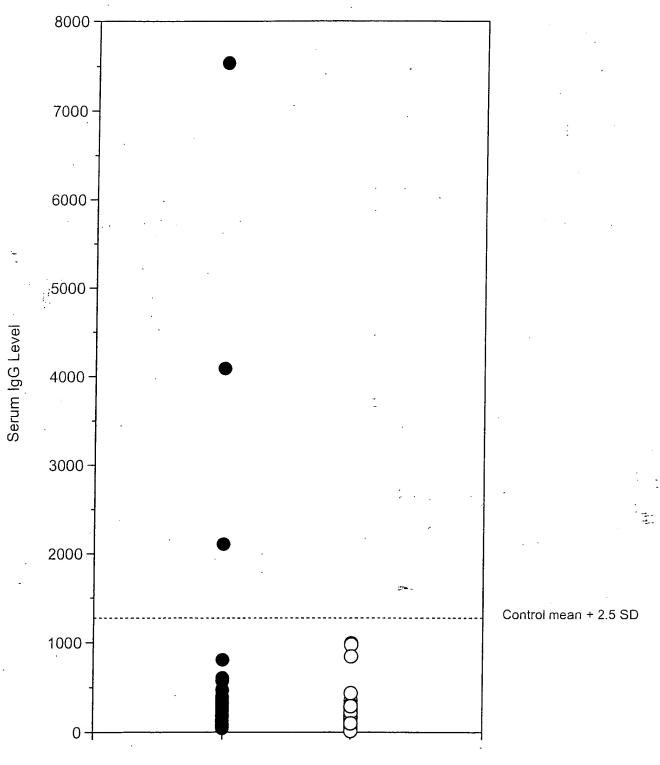
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		profein sequence ->		
		profein sequence ->		
	Streptococcus pneumoniae pspA homologous sequence ->	profein sequence ->		

Figure 4 Plot

Figure 5 Plot

Figure 3 Plot

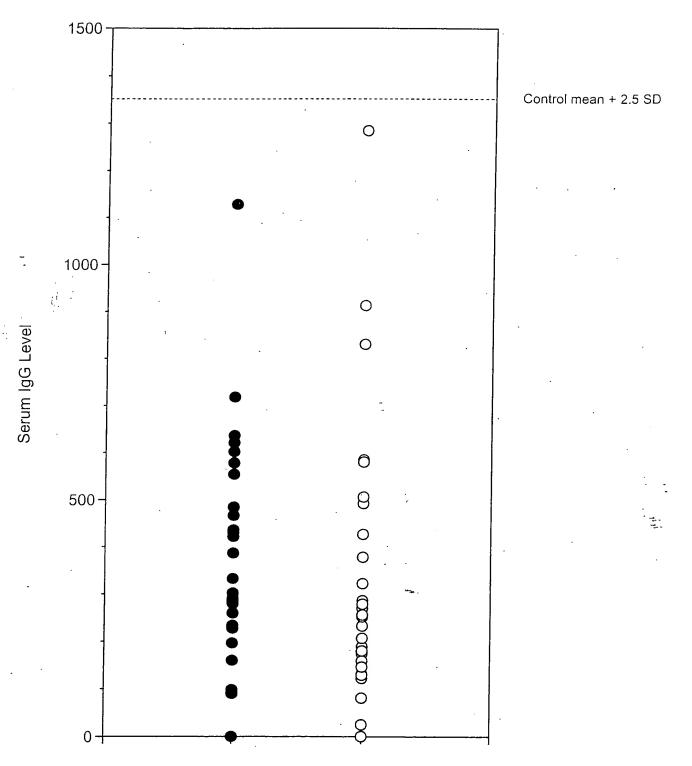
Fig 26



- H. pylori-Positive Patient Sera
- O Control Subject Sera

Fig. 4

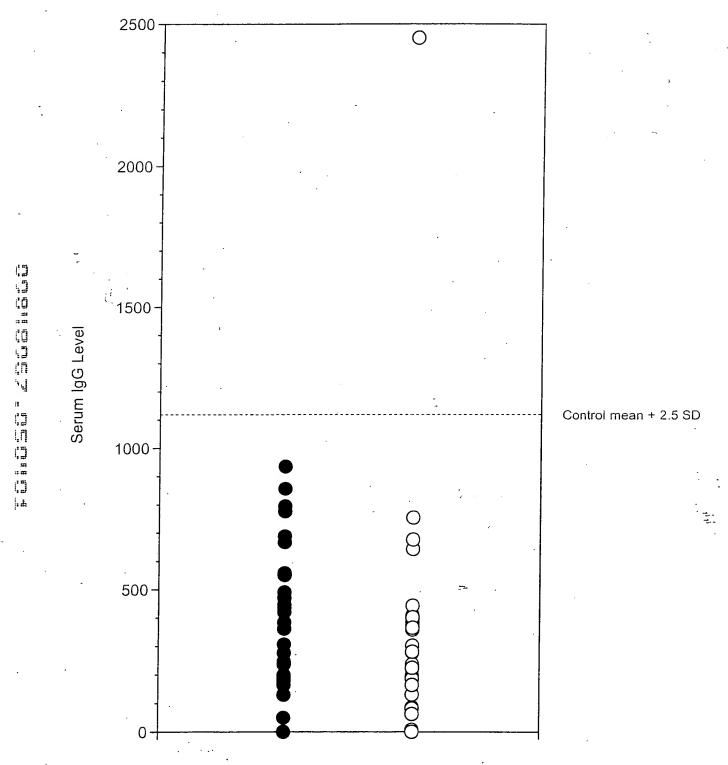
H. pylori Peptide KNLESYQKDA Data



- H. pylori-Positive Patient Sera
- O Control Subject Sera

Fig 5

H. pylori Peptide QKDAKELKGKRN Data



- H. pylori-Positive Patient Sera
- O Control Subject Sera

Fig. 6

Parent H. pylori Protein

Adhesin 2

Iron-Regulated Outer
Membrane Protein

Lipid A Disaccharide Synthase

LPP20 Lipoprotein

Flagellar Sheath Adhesin

Outer Membrane Protein 1

Outer Membrane Protein 19

Outer Membrane Porin 1

Outer Membrane Porin 2

Vacuolating Cytotoxin

Functionally Specific Peptide Antigens

LPALKENNGKV

VTTKGERTFEYNN

LEQNEGFKRRV

TVDASGKRSISG

MQEIDKKLTQKN

NTRYDRWAKD

INGDKRTGGKPNTPE

SSSEYEKLKA

KEQIIEAKGPDV

QQTHRKINRP

KQAEEANKTP

KTPDKPDKVW

FIG. 7a SCANNED,#22

Number of Igg-Positive Results On Individual Peptide Assays

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Number of Igg-Positive Results On Individual Peptide Assays

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Human Type II CollagenFunctionally Specific Peptide Antigens

QGQDVRQPG

GRDGE

GGFDEKAGGA '

WPGLPGA

GLPGTPGTDGPKGASGPAGPPGAQGPPG

GPEGAPGKDGGRGLT

GEVGPPGPAGSAGARGAP

TGPKGARGAQGPPGATGFPGAA

NGNPGPPGPPGPS

LQGPAGPP

AVGAPGAPGPPGSPGPAGPTGKQGD

KGHRGFTGLQ

IGPPGPRGRSGETGPAGPPGN

FIG 8